

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



re application of: Mohammed N. Islam
Serial No.: 10/033,848
Filing Date: December 19, 2001
Art Unit: 2828
Examiner: Monbleau, Davienne N.
Title: BROADBAND SAGNAC RAMAN AMPLIFIERS AND
CASCADE LASERS

Commissioner of Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Applicants respectfully request, pursuant to 37 C.F.R. §§ 1.56, 1.97 and 1.98, that the references listed on the attached PTO-1449 form be considered and cited in the examination of the above-identified patent application. Copies of the references are enclosed for the convenience of the Examiner. No representation is made that a search has been made, that the references are material to the patentability of the present application, or that the references qualify as prior art.

This Supplemental Information Disclosure Statement is being submitted pursuant to 37 C.F.R. § 1.97(c). The stipulated fee of \$180.00 is enclosed herewith. The Commissioner is hereby authorized to charge any appropriate fee to Deposit Account No. 02-0384 of Baker & Botts, L.L.P.

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Respectfully submitted,

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Date: June 10, 2003

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ATTORNEY DOCKET NO.:
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PATENT APPLICATION
10/033,848

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Dear Sir:

CERTIFICATE OF MAILING BY EXPRESS MAIL

I hereby certify that the attached Information Disclosure Statement (1 page) along with a PTO Form 1449 (2 pages); copies of thirty-one references cited (acco-bound); a check in the amount of \$180.00 to satisfy the required filing fee; a Baker Botts acknowledgment return receipt postcard (1 postcard), and this Certificate of Mailing are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on this the 10th day of June, 2003 and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Willie Jiles

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<p style="text-align: center;">O I P E Information Disclosure Citation In an Application</p> <p style="text-align: center;">JUN 10 2003</p>	Application No. 10/033,848		Applicant(s) Mohammed N. Islam	
	Docket Number 069204.0179	Group Art Unit 2828	Filing Date December 19, 2001	

U.S. PATENT DOCUMENTS

	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
A	5,060,302	10/22/1991	Grimes	359	135	02/28/1990
B	5,225,922	07/06/1993	Chraplyvy et al.	359	124	11/21/1991
C	5,790,289	08/04/1998	Taga et al.	359	124	05/22/1996
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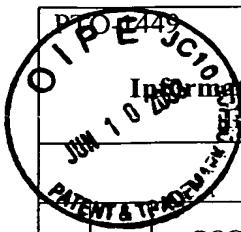
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	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
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V	0 959 578 A2	24.11.1999	EP	H04J	14/02	X	
W							

	DOCUMENT (Including Author, Title, Source, and Pertinent Pages)	DATE
X	Chraplyvy et al., "Equalization in Amplified WDM Lightwave Transmission Systems," IEEE Photonics Technology Letters, Vol. 4, No. 8, pp. 920-922	08/1992
Y	Tonguz et al., "Gain Equalization of EDFA Cascades," Journal of Lightwave Technology, Vol. 15, No. 10, pp. 1832-1841	10/1997
Z	Forghieri et al., "Simple Model of Optical Amplifier Chains to Evaluate Penalties in WDM Systems," Journal of Lightwave Technology, Vol. 16, No. 9, pp. 1570-1576	09/1998

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.	

U.S. PATENT AND TRADEMARK OFFICE

 Information Disclosure Citation As an Application	Application No. 10/033,848		Applicant(s) Mohammed N. Islam
	Docket Number 069204.0179	Group Art Unit 2828	Filing Date December 19, 2001

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A						
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						YES	NO
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L							
M							
N							

DOCUMENT (Including Author, Title, Source, and Pertinent Pages)**DATE**

O	Letellier et al., "Access to Transmission Performance Margins Through Pre-emphasis Adjustment in WDM Systems," ECOC, pp. 275-276	09/20-24 1998
P	Manna et al., "Modeling of Penalties on Chains of Optical Amplifiers with Equalizing Filters," Journal of Lightwave Technology, Vol. 18, No. 3, pp. 295-300	03/2000
Q	Fludger et al., "Fundamental Noise Limits in Broadband Raman Amplifiers," OFC, pp. MAS/1-MAS/3	03/17-22/2001
R	Menif et al., "Application of Preemphasis to Achieve Flat Output OSNR in Time-Varying Channels in Cascaded EDFA Without Equalization," Journal of Lightwave Technology, Vol. 19, No. 10, pp. 1440-1452	10/2001
S	Murakami et al., "WDM Upgrading of an Installed Submarine Optical Amplifier System," Journal of Lightwave Technology, Vol. 19, No. 11, pp. 1665-1674	11/2001
T	Scheerer et al., "SRS crosstalk in preemphasized WDM Systems," pp. WM28-1/293-WM28-3/295	N/A
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EXAMINER**DATE CONSIDERED**

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